






**Process and apparatus for checking the condition of finger type road joints****Publication number:** EP1270818**Publication date:** 2003-01-02**Inventor:** KRAMER HANS (CH)**Applicant:** EIDGENOESSISCHE MATERIALPRUEFU (CH)**Classification:****- international:** **E01D19/06; G01M5/00; E01D19/00; G01M5/00; (IPC1-7): E01D19/06; G01M5/00****- european:** E01D19/06; G01M5/00B**Application number:** EP20020405525 20020621**Priority number(s):** CH20010001140 20010622**Also published as:** EP1270818 (A3)**Cited documents:** FR2228895  
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The test appliance consists of a bridge frame (17) positioned over a road joint section (13) and supporting two hydraulic hoists (20,21) and their ancillary equipment. They serve to lift fingers (12) with the aid of belts (35) looped round steel rods (34). Arms (38,39) fitted with travel sensors (40,41;42,43) monitor finger travel and a pressure sensor the force lifting them. The sensor signals are then processed by computer to provide a travel-force diagram.



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